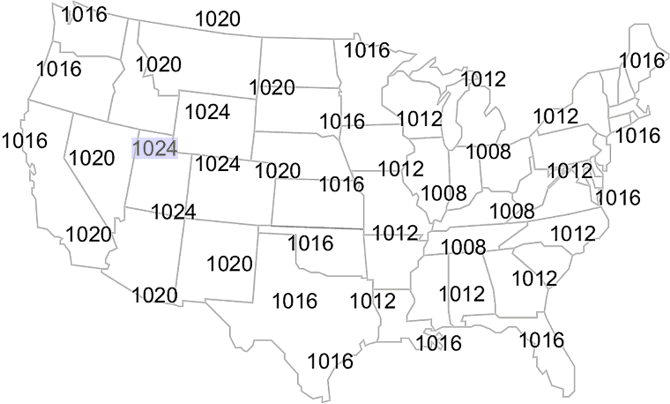
**Isobar Map Practice**



This map shows the atmospheric pressures for various locations over the contiguous U.S. The values are in millibars (mb).

**Objective**

Using a black colored pencil, lightly draw lines connecting identical values of sea level pressure. Remember, these lines, called isobars, **do not cross each other**. Isobars are usually drawn for **every four millibars**, using 1000mb as the starting point. Therefore, these lines will have values of 1000, 1004, 1008, 1012, 1016, 1020, 1024, etc., or 996, 992, 988, 984, 980, etc.

**Procedure**

Begin drawing from the 1024mb station pressure over Salt Lake City, Utah (can’t find it? Use a map!). Draw a line to the next 1024 value located to the northeast (upper right). Without lifting your pencil draw a line to the next 1024 value located to the south and then to the one located southwest, finally returning to the Salt Lake City value. Remember, isobars are **smooth curved lines** with few, if any, kinks.  
  
The result is an elongated circle, centered approximately over Eastern Utah. The line that was drawn represents the 1024mb line and you can expect the pressure to be 1024mb everywhere along that line. Repeat the procedure with the next isobar value (recall proper incrimination). Continue with the remaining values until you have all the reports connected with an isobar.  
  
Carry out a similar procedure for the following maps.

